

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	242	serine near1 threonine near1 kinase	USPAT; US-PG PUB; EPO; JPO; DERW ENT; IBM	2001/06/28 09:19
2	BRS	L22	0	l1 and abuin	USPAT; US-PG PUB; EPO; JPO; DERW ENT; IBM	2001/06/28 09:19
3	BRS	L29	0	l1 and friedrich	USPAT; US-PG PUB; EPO; JPO; DERW ENT; IBM	2001/06/28 09:19
4	BRS	L36	0	l1 and zambrowicz	USPAT; US-PG PUB; EPO; JPO; DERW ENT; IBM	2001/06/28 09:19
5	BRS	L8	1	l1 and mathur	USPAT; US-PG PUB; EPO; JPO; DERW ENT; IBM	2001/06/28 09:20

	Typ	L #	Hits	Search T xt	DBs	Tim Stamp
6	BRS	L43	1	l1 and sands	USPAT; US-PG PUB; EPO; JPO; DERW ENT; IBM	2001/06/28 09:20
7	BRS	L15	1	l1 and turner	USPAT; US-PG PUB; EPO; JPO; DERW ENT; IBM	2001/06/28 09:20

09/707.121

attachment #2

FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 09:14:53 ON 28 JUN
2001

L1	19044 S SERINE (1N) THREONINE (1N) KINASE
L2	0 S L1 AND MATHUR
L3	2 S L1 AND TURNER
L4	2 DUP REM L3 (0 DUPLICATES REMOVED)
L5	0 S L1 AND ABUIN
L6	2 S L1 AND FRIEDRICH
L7	0 S L1 AND ZAMBROWICZ
L8	1 S L1 AND SANDS

09/107.12/

RESULT	11						
AM488854/c							
LOCUS							
DEFINITION							
	AM488854	472 bp	- mRNA	EST	24-FEB-2000		
	UI-H-B83-arz-a-05-0-UI.s1		NIH_BMAP_M.S4	Mus	musculus	CDNA	clone
	ui-pna2	05-0-0472					

ACCESSION	U12M-BH3-RLZ-A-05-U-013	mRNA sequence.
VERSION	AW488854.1	GI:7059089

KEYWORDS	EST.
SOURCE	house mouse.
ORGANISM	Mus musculus

REFERENCE
1 (bases 1 to 472)
Eukariyota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus

AUTHORS	TITLE
Bonaldo, M.F., Lennon, G. and Soares, M.B.	Normalization and subtraction: two approaches to facilitate gene discovery

JOURNAL
Genome Res. 6 (9), 791-806 (1996)

MEDLINE
97044477

COMMENT
Contact: Chin, H

National Institute of Mental Health
6001 Executive Blvd. Room 7N-7190, Bethesda, MD
20892-9643, USA

Tel: 301 443 1706
Fax: 301 443 9890
Email: MESt@mail.nih.gov

Oligo-dT track not found. Not a site shown in beginning of sequence. Is likely internal to the message. cDNA Library Preparation: M. Soares Lab Clone distribution: Researchers may obtain BMAP cDNA

clones from RESEARCH GENETICS. It should be noted that Bento Science is generating a small number of additional specialized non-redundant arrays of BMAP cDNAs whose availability will be

considered under appropriate and limited collaborative arrangements

FEATURES	location/qualifiers
source	1. 472
	/organism="Mus musculus"

```

/sirain="C5/BL/6J"
/db_xref="taxon:10090"
/clone="UI-M-BH3-ar2-a-05-0-01"

```

```

/clone_110="NIH_BMAP_M_S4"
/dev_stage="27-32 days"
/lab_host="DH10B (Life Technologies)"

```

```

/note=Vector: pV13D-Pac (Pharmacia) with a modified
polylinker; Site_1: Not I; Site_2: Eco RI; The
NIH-BMAP_M_S4 library is a subtracted library of a ser

```

ultimately derived from a mixture of individually log-normalized libraries from ten regions of the mouse brain (cerebellum, brain stems, olfactory bulbs, hypothalamus, amygdala, basal ganglia, cingulate cortex, hippocampus, and striatum).

cortex, amygdala, basal ganglia, pineal gland, striatum, hippocampus) after a series of subtractions to reduce representation of cDNAs from which ESTs had already been generated. The following partially subtracted libraries

generated. The following serially subtracted lattices were generated in this process: NIH_BMAP_M_S4, NIH_BMAP_M_S3.3, NIH_BMAP_M_S3.2, NIH_BMAP_M_S3.1, NIH_BMAP_M_S3. The subtracted lattices

```

NIN_BMAP_M_S2, NIN_BMAP_M_S3, the substituted initially
(NIN_BMAP_M_S4) was constructed as follows: PCRamplified

```

	Type	Hits	Search Text	DBs
1	BRS	242	serine near1 threonine near1 kinase	USPAT; US-PGPUB; EPO; JPO; DERWENT;
2	BRS	0	(serine near1 threonine near1 kinase) and abuin	USPAT; US-PGPUB; EPO; JPO; DERWENT;
3	BRS	0	(serine near1 threonine near1 kinase) and friedrich	USPAT; US-PGPUB; EPO; JPO; DERWENT;
4	BRS	0	(serine near1 threonine near1 kinase) and zambrowicz	USPAT; US-PGPUB; EPO; JPO; DERWENT;
5	BRS	1	(serine near1 threonine near1 kinase) and mathur	USPAT; US-PGPUB; EPO; JPO; DERWENT;
6	BRS	1	(serine near1 threonine near1 kinase) and sands	USPAT; US-PGPUB; EPO; JPO; DERWENT;
7	BRS	1	(serine near1 threonine near1 kinase) and turner	USPAT; US-PGPUB; EPO; JPO; DERWENT;
8	BRS	0	wo0120022	USPAT; US-PGPUB; EPO; JPO; DERWENT;
9	BRS	31	"0120022"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
10	BRS	31	"0120022"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
11	IS&R	1	("0120022").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;
12	IS&R	0	("wo120022").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;
13	IS&R	0	(wo/120022).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT;
14	BRS	0	wo/0120022	USPAT; US-PGPUB; EPO; JPO; DERWENT;
15	BRS	18	"120022"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
16	BRS	0	nielsen AND miurphy AND zerial	USPAT; US-PGPUB; EPO; JPO; DERWENT;

H18
attached

	Type	Hits	Search Text	DBs
17	BRS	2	nielsen AND murphy AND zerial	USPAT; US-PGPUB; EPO; JPO; DERWENT;
18	BRS	0	kinase and (nielsen AND murphy AND zerial)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
19	BRS	0	(nielsen AND murphy AND zerial) and SEQ and "13"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
20	BRS	0	(nielsen AND murphy AND zerial) and "13"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
21	BRS	1	"200166594"	USPAT; US-PGPUB; EPO; JPO; DERWENT;